

WHAT IS CLAIMED IS:

1. A disk apparatus for loading and driving an optical disk,
and for recording or reproduction of data on the optical disk,

5 wherein the disk apparatus comprising: first release
means and second release means for externally manipulating a
mechanism for unloading a loaded optical disk,

 wherein manipulation of the second release means
forcibly unloads the loaded optical disk by manipulation of
10 the first release means.

2. The disk apparatus according to Claim 1, wherein
the driving of a spindle motor for rotating the optical
disk is stopped by the manipulation of the first release
15 means.

3. A slot-in type disk apparatus for loading and driving an
optical disk, and for recording or reproduction of data on the
optical disk, wherein the disk apparatus comprising:

20 a loading gear unit for loading and unloading the optical
disk;

 a rack gear unit for interlocking with the loading gear
unit;

 first release means for the loading gear unit being
25 manipulatable externally; and

 second release means for the rack gear unit being
manipulatable externally,

 wherein a manipulation-protected state of the rack gear
unit is released by manipulation of the loading gear unit.

30 4. The disk apparatus according to Claim 3, wherein the rack
gear unit switches to a floating state to enable the unloading
manipulation of the optical disk by the manipulation of the
loading gear unit.

5. A disk apparatus for loading and driving an optical disk, and for recording or reproduction of data on the optical disk, wherein the disk apparatus comprising:

5 first release means and second release means for externally manipulating through an emergency through hole provided in an apparatus casing; and

an emergency unloading mechanism for stopping driving of a spindle motor for rotating the optical disk by manipulation
10 of the first release means, and for unloading forcibly a loaded optical disk by manipulation of the second release means.